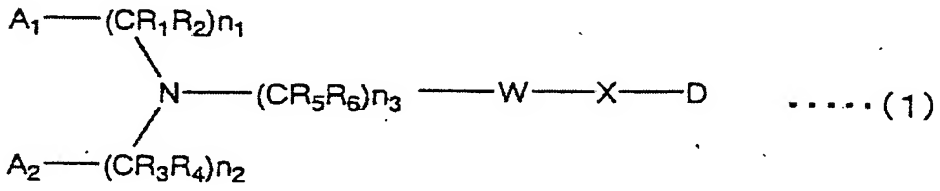
CLAIMS

1. A compound represented by the following general formula (1) or a pharmacologically acceptable salt thereof, or a prodrug thereof:

[Formula 1]



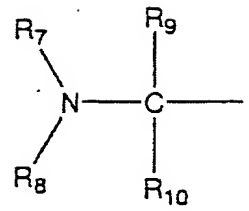
wherein

$n_1$, $n_2$, and $n_3$ represent an integer of 0 to 3;

$R_1$, $R_2$, $R_3$, $R_4$, $R_5$, and $R_6$ each independently represent a hydrogen atom, a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable alkenyl group having 2 to 15 carbon atoms, a substitutable alkynyl group having 2 to 15 carbon atoms, or a substitutable cyclic alkyl group having 3 to 15 carbon atoms where $R_5$ and $R_6$ each may form a carbonyl group with a carbon atom bound thereto; and

$A_1$ and $A_2$ each independently represent a hydrogen atom, a substitutable monocyclic or polycyclic heteroaromatic ring, a partly saturated substitutable polycyclic heteroaromatic ring, a substitutable monocyclic or polycyclic aromatic ring, a partially saturated substitutable polycyclic aromatic ring, a substitutable heteroring, or a group represented by the following formula (2):

[Formula 2]



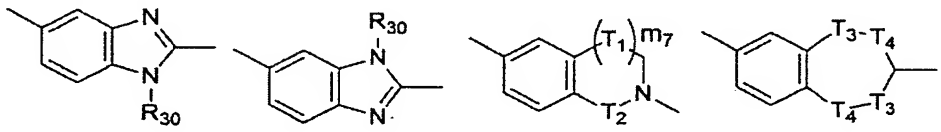

.....(2)

wherein

$R_7$, $R_8$, $R_9$, and $R_{10}$ each independently represent a hydrogen atom, a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable alkenyl group having 2 to 15 carbon atoms, a substitutable alkynyl group having 2 to 15 carbon atoms, or a substitutable cyclic alkyl group having 3 to 15 carbon atoms;

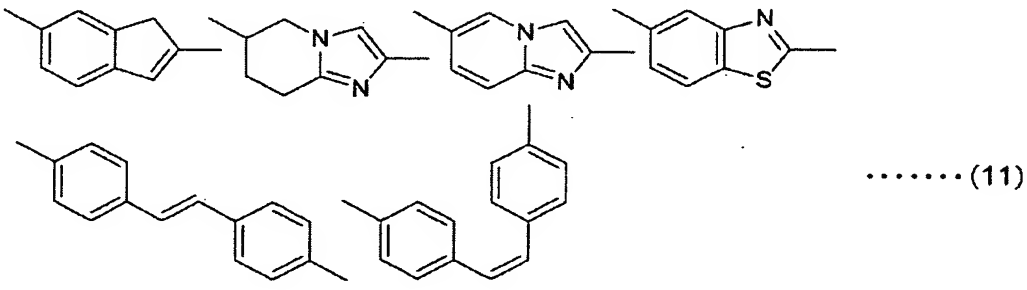
W represents any one of a substitutable benzene ring and groups represented by the following formulae (10) and (11):

[Formula 3]




.....(10)

[Formula 4]




.....(11)

wherein

$R_{30}$ represents a hydrogen atom, a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable alkenyl group having

2 to 15 carbon atoms, a substitutable alkynyl group having 2 to 15 carbon atoms, a substitutable cyclic alkyl group having 3 to 15 carbon atoms, a methanesulfonyl group, a p-toluenesulfonyl group, a phenyl group, an acyl group, a carboxyl group, or a cyano group;

$m_7$ represents an integer of 0 to 2;

$T_1$ and $T_2$ represent $CH_2$ or CO;

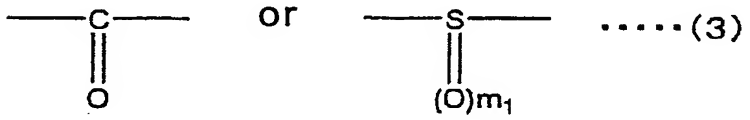
$T_3$ and $T_4$ have a relationship of $T_3$ = NH and $T_4$ = CO, or $T_3$ = CO and $T_4$ = NH;

X represents a substitutable monocyclic or polycyclic heteroaromatic ring, a substitutable monocyclic or polycyclic aromatic ring, O, $CH_2$, $NR_{11}$, $CHR_{35}$, or a group represented by the following formula (3) or (12);

$R_{11}$ represents a hydrogen atom, a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable alkenyl group having 2 to 15 carbon atoms, a substitutable alkynyl group having 2 to 15 carbon atoms, or a substitutable cyclic alkyl group having 3 to 15 carbon atoms;

$R_{35}$ represents a carboxyl group or an alkoxycarbonyl group:

[Formula 5]

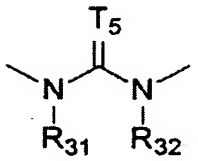



.....(3)

wherein

$m_1$ represents an integer of 1 or 2:

[Formula 6]




.....(12)

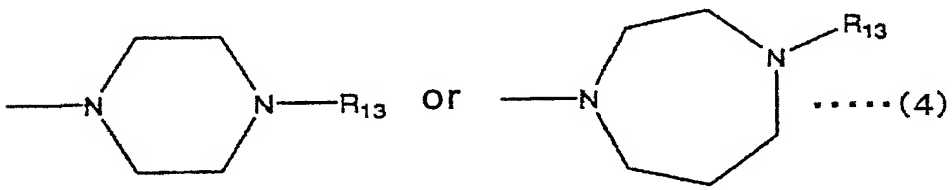
wherein

$T_5$ represents an oxygen atom or a sulfur atom;

$R_{31}$ and $R_{32}$ represent a hydrogen atom or an alkyl group having 1 to 3 carbon atoms, and $R_{31}$ and $R_{32}$ may be coupled to each other to form a ring;

D represents a group represented by the following formula (4) or (6):

[Formula 7]

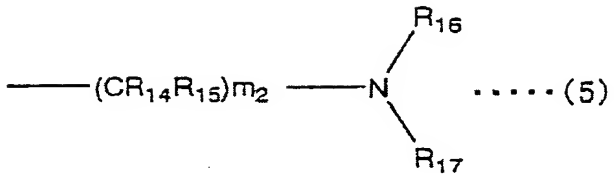



.....(4)

wherein

$R_{13}$ represents a hydrogen atom, a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable alkenyl group having 2 to 15 carbon atoms, a substitutable alkynyl group having 2 to 15 carbon atoms, a substitutable cyclic alkyl group having 3 to 15 carbon atoms, or a group represented by the following formula (5):

[Formula 8]



wherein

$m_2$ represents an integer of 2 to 4;

$R_{14}$, $R_{15}$, $R_{16}$, and $R_{17}$ each independently represent a hydrogen atom, a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable alkenyl group having 2 to 15 carbon atoms, a substitutable alkynyl group having 2 to 15 carbon atoms, or a substitutable cyclic alkyl group having 3 to 15 carbon atoms:

[Formula 9]

wherein

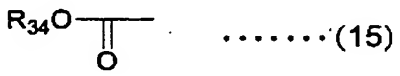
Q represents a single bond when X is O, a single bond or a group represented by the formula (3) when X is $NR_{11}$, or a single bond, S, O, or $NR_{12}$, or a group represented by the formula (13) when X is a substitutable monocyclic or polycyclic heteroaromatic ring, a substitutable monocyclic or polycyclic aromatic ring, $CH_2$ or is represented by the formula (3) or (12):

[Formula 10]

$R_{12}$ represents a hydrogen atom, a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable alkenyl group having

2 to 15 carbon atoms, a substitutable alkynyl group having 2 to 15 carbon atoms, a substitutable cyclic alkyl group having 3 to 15 carbon atoms, a methanesulfonyl group, a p-toluenesulfonyl group, a phenyl group, an acyl group, a carboxyl group, a cyano group, or a group represented by the formula (15):

[Formula 11]

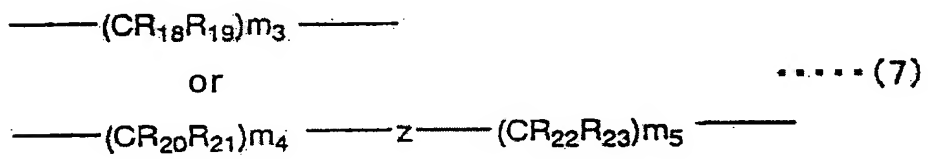


.....(15)

$R_{34}$ represents a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable cyclic alkyl group having 3 to 15 carbon atoms, or a phenyl group;

Y represents a group represented by the following formula (7):

[Formula 12]



.....(7)

wherein

$m_3$ represents an integer of 0 to 6;

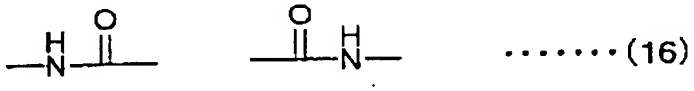
$R_{18}$ and $R_{19}$ each independently represent a hydrogen atom, a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable alkenyl group having 2 to 15 carbon atoms, a substitutable alkynyl group having 2 to 15 carbon atoms, a substitutable cyclic alkyl group having 3 to 15 carbon atoms, or a substitutable aromatic ring, and $R_{12}$ and $R_{18}$ may form a ring;

$m_4$ and $m_5$ represent an integer of 0 to 2;

$R_{20}$, $R_{21}$, $R_{22}$, and $R_{23}$ each independently represent a hydrogen atom, a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable alkenyl group having 2 to 15 carbon atoms, a substitutable alkynyl group having 2 to 15 carbon atoms, or a substitutable cyclic alkyl group having 3 to 15 carbon atoms;

z represents a substitutable cyclic alkylene group having 3 to 15 carbon atoms, a substitutable monocyclic or polycyclic heteroaromatic ring, a partly saturated substitutable polycyclic heteroaromatic ring, a substitutable monocyclic or polycyclic aromatic ring, a partly saturated substitutable polycyclic aromatic ring, a substitutable heterocycle, S, O, $NR_{12}$, S=O, O=S=O, or the formula (16):

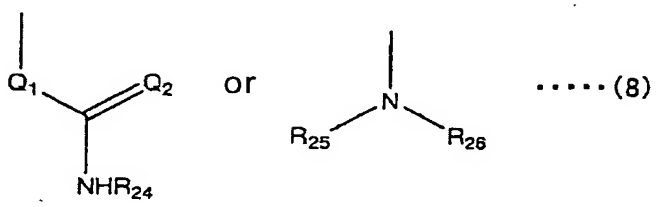
[Formula 13]



.....(16)

B represents any one of the groups represented by the following formulae (8) and (14):

[Formula 14]



.....(8)

wherein

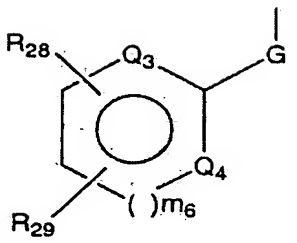
$Q_1$ represents S, O, or NH and $Q_2$ represents S, O, or $NR_{27}$;

$R_{24}$ and $R_{27}$ each independently represent a hydrogen atom, a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable alkenyl group having 2 to 15 carbon atoms, a substitutable alkynyl group having 2 to 15 carbon atoms, a substitutable cyclic alkyl group having 3 to 15 carbon atoms, or a substitutable aromatic ring, and $R_{24}$ and $R_{27}$ may form a ring;

$R_{25}$ and $R_{26}$, when above X is $CH_2$, each independently represent a hydrogen atom, a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable cyclic alkyl group having 3 to 15 carbon atoms, a substitutable alkenyl group having 2 to 15 carbon atoms and having 1 to 3 double bonds, or a substitutable alkynyl group having 2 to 15 carbon atoms and having 1 to 3 triple bonds, and $R_{25}$ and $R_{26}$ may form a ring and, depending on circumstances, the ring may be formed by binding through a heteroatom, a cyclic alkyl group, an aromatic ring, a heteroaromatic ring, or a heterocycle;

$R_{25}$ and $R_{26}$, when above X is not $CH_2$, each independently represent a hydrogen atom, a substituent represented by the following formula (9), a substitutable alkyl group having 1 to 15 carbon atoms, a substitutable cyclic alkyl group having 3 to 15 carbon atoms, a substitutable alkenyl group having 2 to 15 carbon atoms and having 1 to 3 double bonds, or a substitutable alkynyl group having 2 to 15 carbon atoms and having 1 to 3 triple bonds, and $R_{25}$ and $R_{26}$ may form a ring and, depending on circumstances, the ring may be formed by binding through a heteroatom, a cyclic alkyl group, an aromatic ring, a heteroaromatic ring, or a heterocycle:

[Formula 15]



.....(9)

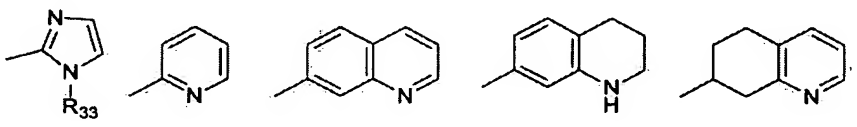
wherein

$m_6$ represents 0 or 1, where when $m_6$ = 0, $Q_3$ represents CH or N and $Q_4$ represents N, S, or O, and when $m_6$ = 1, Q3 and Q4 each G represents a substitutable alkylene group having 1 to 15 carbon atoms or a substitutable alkenylene group having 2 to 15 carbon atoms;

$R_{28}$ represents an alkyl group having 1 to 15 carbon atoms, a substitutable alkenyl group having 2 to 15 carbon atoms, a substitutable alkynyl group having 2 to 15 carbon atoms, an alkoxy group, a haloalkyl group, a haloalkoxy group, a hydroxyalkoxy group, a halogen atom, an amino group, an alkylamino group, a carboxyl group, an alkoxycarbonyl group, a carbamoyl group, an alkylcarbamoylgroup, a saturated heterocycle, or a heteroaromatic ring, which is substituted at any position except a nitrogen atom which may be present on the ring or may represent a hydrogen atom when $m_6$ = 1 and $Q_3$ and $Q_2$ simultaneously represent CH;

$R_{29}$ represents a hydrogen atom or the same group as $R_{24}$, and may be coupled with G to form a ring:

[Formula 16]



.....(14)

wherein

$R_{33}$ represent the same group as that of above $R_{12}$, wherein one or two or more asymmetric carbon atoms may exist in the compound represented by the general formula (1), where when one asymmetric carbon atom exists, the compound may be in the form of any one of a pure optically-active substance represented by the absolute configuration R or S, a mixture thereof in a predetermined ratio, and a racemic mixture thereof or when two or more asymmetric carbon atoms exist, the compound may be in the form of any one of an optically pure diastereomer, a racemic mixture thereof, and a combination thereof in a predetermined ratio.

2. A compound, a pharmacologically acceptable salt thereof, or a prodrug thereof according to claim 1, wherein $n_1$, $n_2$, and $n_3$ represent an integer of 1 and $R_1$, $R_2$, $R_3$, $R_4$, $R_5$, and $R_6$ represent a hydrogen atom.

3. A compound, a pharmacologically acceptable salt thereof, or a prodrug thereof according to claim 1 or 2, wherein $A_1$ and $A_2$ each independently represent a hydrogen atom or a substitutable monocyclic or polycyclic heteroaromatic ring.

4. A compound, a pharmacologically acceptable salt thereof, or a prodrug thereof according to any one of claims 1 to 3, wherein W represents a group represented by the formula (10).

5. A compound, a pharmacologically acceptable salt

thereof, or a prodrug thereof according to any one of claims 1 to 3, wherein W represents a benzene ring and X represents a group represented by the formula (12).

6. A compound, a pharmacologically acceptable salt thereof, or a prodrug thereof according to any one of claims 1 to 3, wherein W represents a benzene ring, X represents $-CH_2-$, and D represents a group represented by the formula (6) where Q represents a group represented by $NR_{12}$ and $R_{12}$ is based on the same definition as described above.

7. A compound, a pharmacologically acceptable salt thereof, or a prodrug thereof according to any one of claims 1 to 6, wherein D represents a group represented by the formula (6), in the formula Q represents $NR_{12}$ where $R_{12}$ is based on the same definition as described above; and
Y represents a group represented by $-(CR_{18}R_{19})m_3-$ where $R_{18}$, $R_{19}$, and $m_3$ are based on the same definition as described above.

8. A compound, a pharmacologically acceptable salt thereof, or a prodrug thereof according to any one of claims 1 to 6, wherein:
D represents a group represented by the formula (6), in the formula Q represents any one of the groups represented by the formula (13) where $R_{12}$ is based on the same definition as described above; and
Y represents a group represented by $-(CR_{18}R_{19})m_3-$ where $R_{18}$, $R_{19}$, and $m_3$ are based on the same definition as described above.

9. A compound, a pharmacologically acceptable salt thereof,

or a prodrug thereof according to any one of claims 1 to 7, wherein D represents a group represented by the formula (6) where B represents $-NR_{25}R_{26}$ where $R_{25}$ and $R_{26}$ are based on the same definition as described above.

10. A compound, a pharmacologically acceptable salt thereof, or a prodrug thereof according to any one of claims 1 to 7, wherein D represents a group represented by the formula (6) where B represents any one of the groups represented by the formula (14).

11. A compound, a pharmacologically acceptable salt thereof, or a prodrug thereof selected from the group consisting of:

2-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-ethanol;

[4-(6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1H-benzimidazol-2-yl)-butyl]-dipropyl-amine;

[4-(6-{[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl}-1-propyl-1H-benzimidazol-2-yl)-butyl]-dipropyl-amine;

[4-(6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1-propyl-1H-benzimidazol-2-yl)-butyl]-dipropyl-amine;

[4-(5-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1-propyl-1H-benzimidazol-2-yl)-butyl]-dipropyl-amine;

4-{[N-(1H-imidazol-2-ylmethyl)-amino]-methyl-N-(4-dipropylamino-butyl)-benzamide;

2-(4-dipropylamino-butyl)-5-{[(1H-imidazol-2-ylmethyl)

-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-2,3-dihydro-isoindol-1-one;

2-(4-dipropylamino-butyl)-6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-2,3-dihydro-isoindol-1-one;

N-(4-{[(1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-N-methyl-N',N'-dipropyl-butane-1,4-diamine;

N-methyl-N-[4-({[1-(1-methyl-1H-imidazol-2-ylmethyl)-1H-imidazol-2-ylmethyl]-amino}-methyl)-benzyl-N',N'-dipropylbutane-1,4-diamine;

[4-(6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1H-inden-2-yl)-butyl]-dipropyl-amine;

1-(4-dipropylaminobutyl)-3-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-phenyl)-urea;

[4-(6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1-methyl-1H-benzimidazol-2-yl)-butyl]-dipropyl-amine;

3-(3-dipropylaminopropyl)-8-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-3,4-dihydro-1H-benzo[e][1,4]diazepin-2,5-dione;

4-{[(3,5-dimethyl-pyridin-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-N-(4-dipropylaminomethyl-phenyl)-benzamide;

4-{[(5-ethyl-pyridin-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-N-(4-dipropylaminomethyl-phenyl)-benzamide;

[4-(6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol

-2-ylmethyl)-amino]-methyl}-3,4-dihydro-1H-isoquinolin-2-yl)-butyl]-dipropyl-amine;

[3-(6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1-methyl-1H-benzimidazol-2-yl)-benzyl]-dipropyl-amine;

6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-5,6,7,8-tetrahydro-imidazo[1,2-a]pyridine-2-carboxylic acid-(4-dipropylamino-butyl)-amide;

N-(4-dipropylamino-butyl)-4-{[(1-methyl-1H-imidazo-2-ylmethyl)-(5-methyl-pyridin-2-ylmethyl)-amino]-methyl}-benzamide;

N-(4-dipropylamino-butyl)-N-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-methanesulfonamide;

N-(4-dipropylamino-butyl)-N-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-4-methyl-benzenesulfonamide;

N-ethyl-N-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-N',N'-dipropyl-butane-1,4-diamine;

N-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-N-phenyl-N',N'-dipropyl-butane-1,4-diamine;

N-(4-dipropylamino-butyl)-N-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-acetamide;

1-(4-dipropylamino-butyl)-3-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-phenyl)-1-methyl-urea;

1-(4-dipropylamino-butyl)-3-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-phenyl)-1,3-dimethyl-urea;

N-methyl-N-[4-({(1-methyl-1H-imidazol-2-ylmethyl)-[1-(toluene-4-sulfonyl)-1H-imidazol-2-ylmethyl]-amino}-methyl)-benzyl]-N",N"-dipropyl-butane-1,4-diamine;

[4-(6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1-methyl-1H-benzimidazol-2-yl)-benzyl]-dipropyl-amine;

6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-imidazo[1,2-a]pyridine-2-carboxylate-(4-dipropyl)-amino-butyl)-amide;

N-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-N',N'-dipropyl-N-(2,2,2-trifluoro-ethyl)-butane-1,4-diamine;

N-(4-{[(1-methanesulfonyl-1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-N-methyl-N",N"-dipropyl-butane-1,4-diamine;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionitrile;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid methyl ester;

1-(4-dipropylamino-butyl)-3-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-phenyl)-thiourea;

{3-[6-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-phenyl)-pyridin-2-yl]-propyl}

-dipropyl-amine;

N-(4-dipropylamino-butyl)-2,2,2-trifluoro-N-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-acetamide;

[4-(5-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1,3-dihydro-isoindol-2-yl)-butyl]-dipropyl-amine;

{4-(1E)-[2-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-phenyl)-vinyl]-benzyl}-dipropyl-amine;

{[4-((1Z)-2-{4-[(dipropylamino)-methyl]-phenyl}-vinyl)-phenyl]-methyl}-(imidazol-2-ylmethyl)-[(1-methylimidazol-2-yl)-methyl]-amine;

{[4-((1E)-2-{4-[2-(dipropylamino)-ethyl]-phenyl}-vinyl)-phenyl]-methyl}-(imidazol-2-ylmethyl)-[(1-methylimidazol-2-yl)-methyl]-amine;

{[4-((1E)-2-{4-[(dipropylamino)-methyl]-phenyl}-vinyl)-phenyl]-methyl}-bis-(imidazol-2-ylmethyl)-amine;

[4-(6-{[(1H-imidazol-2-yl-methyl)-(1-methyl-imidazol-2-yl-methyl)-amino]-methyl}-benzothiazol-2-yl)-benzyl]-dipropyl-amine;

(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-methyl-(4-piperidin-1-ylbutyl)amine;

2-(2-(4-dipropylamino-butyl)-6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzimidazol-1-yl)-ethanol;

[3-(6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1-propyl-1H-benzimidazol-2-yl)-p

ropyl]-dipropyl-amine;

[4-(6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1-isopropyl-1H-benzimidazol-2-yl)-butyl]-dipropyl-amine;

[5-(6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1-propyl-1H-benzimidazol-2-yl)-pentyl]-dipropyl-amine;

N-(4-{[(1H-imidazol-2-ylmethyl)-(5,6,7,8-tetrahydrohydro-quinolin-8-yl)-amino]-methyl}-benzyl)-N-methyl-N',N'-dipropyl-butane-1,4-diamine;

N-(4-dipropylamino-butyl)-N-(4-{[(1H-imidazol-2-ylmethyl)-(5,6,7,8-tetrahydro-quinolin-8-yl)-amino]-methyl}-benzyl)-methanesulfonamide;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid;

(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-cyanamide;

(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-formamide;

[(4-{[(1-carboxymethyl-1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-(4-dipropylamino-butyl)amino]-acetic acid; and

[4-(1-benzyl-6-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-1H-benzimidazol-2-yl)-butyl]-dipropyl-amine.

12. A compound, a pharmacologically acceptable salt thereof, or a pro-drug thereof selected from the group consisting of:

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid ethyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid isopropyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid benzyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid butyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid-5-methyl-2-oxo-[1,3]-dioxol-4-ylmethyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid-1-ethyl-propoxycarbonyloxy methyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid-1-(cyclohexyloxycarbonyloxy)-ethyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid-methoxycarbonyloxy methyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethy

l)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid-ethoxycarbonyloxy methyl ester;

2,2-dimethyl-propionic acid-3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionyloxy methyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid-3-oxo-1,3-dihydro-isobenzofuran-1-yl ester;

Hexanoic acid-3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionyloxymethyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid-3-cyclopentyl-propionyloxymethyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid-diethylcarbamoyloxy methyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-propionic acid t-butoxycarbonyl methyl ester;

3-[(4-dipropylamino-butyl)-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-amino]-N-ethyl-propionamide;

3-[(4-{[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-(4-dipropylamino-butyl)-amino]-propionic acid;

3-[(4-{[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl}-be

nzyl)-(4-dipropylamino-butyl)-amino]-propionate;

3-[(4-{[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl}-be
nzyl)-(4-dipropylamino-butyl)-amino]-propionic
acid-5-methyl-2-oxo-[1,3]dioxol-4-ylmethyl ester;

3-[(4-{[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl}-be
nzyl)-(4-dipropylamino-butyl)-amino]-propionic
acid-1-(cyclohexyloxycarbonyloxy)-ethyl ester;

2,2-dimethyl-propionic
acid-3-[(4-{[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl}-ben
zyl)-(4-dipropylamino-butyl)-amino]-propionyloxymethyl ester;

3-[(4-{[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl}-be
nzyl)-(4-dipropylamino-butyl)-amino]-propionic
acid-3-oxo-1,3-dihydro-isobenzofuran-1-yl ester;

3-[(4-{[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl}-be
nzyl)-(4-dipropylamino-butyl)-amino]-propionic
acid-diethylcarbamoyloxy methyl ester; and

3-[(4-{[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl}-be
nzyl)-(4-dipropylamino-butyl)-amino]-N-ethyl-propionamide.

13. A compound, a pharmacologically acceptable salt thereof,
or a pro-drug thereof selected from the group consisting of:

(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmet
hyl)-[2-(4-piperidin-1-yl-butyl)-3-propyl-3H-benzimidazol-5-
ylmethyl]-amine;

3-[(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol
-2-ylmethyl)-amino]-methyl]-benzyl)-(4-piperidin-1-yl-butyl)
-amino]-propionic acid;

[(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)
-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-am

ino]-acetonitrile;

[(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-acetic acid methyl ester;

[(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-acetic acid;

3-[(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-propionic acid-1-isopropoxycarbonyloxy-ethyl ester;

3-[(4-[[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-(4-dipropylamino-butyl)-amino]-propionic acid methyl ester;

[(4-[[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-(4-dipropylamino-butyl)-amino]-acetic acid methyl ester;

[(4-[[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-(4-dipropylamino-butyl)-amino]-acetic acid;

[(4-dipropylamino-butyl)-([[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-acetic acid benzyl ester;

[(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-acetic acid-2-morpholin-4-yl-ethyl ester;

[[4-(dipropyl-amino)-butyl]-(4-[[1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-acetic acid ethyl ester;

[(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-acetic acid-2-methoxy-ethyl ester;

[(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-acetic acid cinnamyl ester;

[(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-acetic acid-2-(2-hydroxy-ethoxy)-ethyl ester;

(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-carbamic acid t-butyl ester;

N-(2-chloro-4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-N-methyl-N',N'-dipropyl-butane-1,4-diamine;

[(4-[[bis-(1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-(4-dipropylamino-butyl)-amino]-acetic acid ethyl ester;

[(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-acetic acid-3,7,11-trimethyl-dodeca-2,6,10-trienyl ester;

2-[(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-N,N-dimethyl-acetamide;

[(4-[[bis-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-(4-dipropylamino-butyl)-amino]-acetic acid;

[(4-[[bis-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-(4-dipropylamino-butyl)-amino]-acetic acid ethyl ester;

[(4-dipropylamino-butyl)-([[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-acetic acid-(R)-(-)-tetrahydrofuran-2-ylmethyl ester;

([4-[(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-methyl-amino]-butyl]-propyl-amino)-acetic acid;

([4-[carboxymethyl-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-butyl]-propyl-amino)-acetic acid;

(2-[[(1-carboxymethyl-1H-imidazol-2-ylmethyl)-(4-[[(4-dipropylamino-butyl)-methyl-amino]-methyl]-benzyl)-amino]-methyl]-imidazol-1-yl)-acetic acid;

(2-[[(4-[[(4-dipropylamino-butyl)-methyl-amino]-methyl]-benzyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-imidazol-1-yl)-acetic acid;

4-[[(4-dipropylamino-butyl)-methyl-amino]-methyl]-N-(1H-imidazol-2-ylmethyl)-N-(1-methyl-1H-imidazol-2-ylmethyl)-benzamide; and

2-[(4-dipropylamino-butyl)-(4-[[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl]-benzyl)-amino]-malonic acid diethyl ester.

14. A compound, a pharmacologically acceptable salt thereof, or a pro-drug thereof selected from the group consisting of:

(2-{2-[(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-methyl-amino]-ethoxy}-ethyl)-dipropyl-amine;

N-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-N',N'-dipropyl-N-(1H-tetrazol-5-ylmethyl)-butane-1,4-diamine;

5-dipropylamino-(2S)-[(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-methy

l-amino]-pentanoic acid ethyl ester;

5-dipropylamino-(2S)-[(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-methyl-amino]-pentanoic acid;

(2S)-dipropylamino-5-[(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-methyl-amino]-pentanoic acid ethyl ester;

(2S)-dipropylamino-5-[(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-methyl-amino]-pentanoic acid;

5-dipropylamino-(2R)-[(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-methyl-amino]-pentanoic acid ethyl ester;

5-dipropylamino-(2R)-[(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-methyl-amino]-pentanoic acid;

(2R)-dipropylamino-5-[(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-methyl-amino]-pentanoic acid ethyl ester;

(2R)-dipropylamino-5-[(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzyl)-methyl-amino]-pentanoic acid;

[(4-dipropylamino-butyl)-methyl-amino]-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-phenyl)-acetic acid ethyl ester;

[(4-dipropylamino-butyl)-methyl-amino]-(4-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-phenyl)-acetic acid;

2-{[(4-dipropylamino-butyl)-methyl-amino]-methyl}-5-{[

(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzoic acid ethyl ester; and

2-{[(4-dipropylamino-butyl)-methyl-amino]-methyl}-5-{[(1H-imidazol-2-ylmethyl)-(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-benzoic acid.

15. A medical composition, comprising as an active ingredient the compound, the pharmacologically acceptable salt thereof, or the prodrug thereof according to any one of claims 1 to 14.

16. A CXCR4 antagonist, comprising as an active ingredient the compound, the pharmacologically acceptable salt thereof, or the prodrug thereof according to any one of claims 1 to 14.

17. An antiviral drug, comprising as an active ingredient the compound, the pharmacologically acceptable salt thereof, or the prodrug thereof according to any one of claims 1 to 14.

18. A rheumatic disease ameliorating agent based on a CXCR4 antagonism, comprising as an active ingredient the compound, the pharmacologically acceptable salt thereof, or the prodrug thereof according to any one of claims 1 to 14.

19. A cancer metastatic disease ameliorating agent based on a CXCR4 antagonism, comprising as an active ingredient the compound, the pharmacologically acceptable salt thereof, or the prodrug thereof according to any one of claims 1 to 14.